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FOREST PEST MANAGEMENT

Technology Update

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Forestry Pesticides Fact Sheet Number 4

EFFECTIVENESS OF HEXAZINONE AS A FORESTRY HERBICIDE

Hexazinone has proven to be a useful herbicide in southern forestry. Its effectiveness in controlling many woody and herbaceous weeds at application rates tolerated by pines provides foresters with a selective vegetation management tool. Hexazinone is an environmentally safe chemical because it is low in toxicity, is degraded readily, does not bioaccumulate; and does not impair water quality. It is registered for use in pine reforestation for site preparation, release from woody and herbaceous weeds, individual hardwood stem control, and herbaceous weed control. Formulations labeled for forestry use include a water-soluble powder (90 percent active ingredient), a water-dispersible liquid, and free-flowing granules (5- and 10-percent active ingredient.[1]

Hexazinone's effectiveness in controlling important forest weeds has been documented by a number of studies. The more important ones are listed in this fact sheet. Contact the authors of this fact sheet for a more complete list.

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[1] Velpar herbicide, Velpar L®, Pronone® 5G, and Pronone® 10G.

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CAUTION: Use pesticides selectively and carefullly. Follow recommended practices for the disposal of surplus pesticides and pesticide containers. Some States have restrictions on the use of certain pesticides. Check your local and State regulations. Also, because registrations of pesticides are under constant review by the Environmental Protection Agency, consult your State forestry agency, county agent, or State extension agent to be sure the intended use is still registered.
